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PATENT
Attorney Docket No. 04329.3156

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KOUICHI ICHIMURA et al.

Application No.: 10/676,160

Filed: October 2, 2003

For: QUANTUM COMMUNICATION
APPARATUS AND QUANTUM
COMMUNICATION METHOD

Group Art Unit: 2828

Examiner: Not Yet Assigned

Confirmation No.: 6698

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. To the knowledge of the undersigned, this Supplemental Information Disclosure Statement ("Supplemental IDS") is being filed before the mailing date of a first Office Action on the merits in the above-referenced application. This Supplemental IDS is being filed in addition to the Information Disclosure Statements filed on September 23, 2004 and October 2, 2003.

The documents listed in this Supplemental IDS were first cited in a Notification of Reasons for Rejection ("Notification") from the Japanese Patent Office in a counterpart foreign patent application, and this Supplemental IDS is being filed within three months of the mailing date of the Notification. Copies of the listed foreign patent documents are attached. Applicants note that the non-patent literature Duan, et al., *Long-distance quantum communication with atomic ensembles and linear optics*, Nature, November 22, 2001; Vol. 414, pp. 413-418 cited in

the Notification was previously brought to the Examiner's attention in the IDS filed October 2, 2003.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

In lieu of a statement of relevance or translation of the listed documents, which are not in English, an English language translation of the Notification citing the documents and setting forth the relevance thereof is enclosed. A copy of the Notification is also enclosed for the Examiner's convenience. Applicants do not necessarily endorse the conclusions set forth in the Notification.

This submission does not represent that a search has been made or that no better art exists, and does not constitute an admission the listed documents are material or constitutes "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

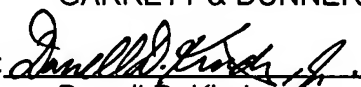
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should they be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

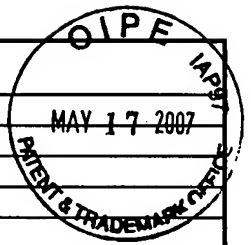
Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 17, 2007

By: 
Darrell D. Kinder, Jr.
Reg. No. 57,460

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/676,160
				Filing Date	October 2, 2003
				First Named Inventor	Kouichi ICHIMURA
				Art Unit	2828
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	04329.3156



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ¹	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 03-040480	02-21-1991	Nippon Telegr & Teleph Corp.		Abstract
		JP 08-321810	12-03-1996	Fuji Electric Co. Ltd.		Abstract
		JP 09-139539	05-27-1997	Toshiba Corp.		Abstract
		JP 10-253670	09-25-1998	TRW Inc.		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Copy of Notification of Reasons for Rejection from the Japanese Patent and Trademark Office, dated March 27, 2007, in counterpart Japanese Patent Application No. 2003-344646	YES

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.